

AMENDMENTS TO THE SPECIFICATION

Please amend the abstract as follows:

--A face recognition system is provided with includes a component learning/extraction module, [[a]] component classifier training module, [[a]] knowledge base for component classification (KBCC), [[a]] component extraction module (CEM), [[an]] object identification training module (OITM), [[a]] knowledge base for face identification (KBFI), and [[an]] object identification module (OIM). The component learning/extraction module receives image data of faces of individuals at various viewpoints and extracts component data at various viewpoints from the image data of faces of individuals at various viewpoints. The component classifier training module receives the component data at various viewpoints and produces results of classifier training of the component data at various viewpoints. The knowledge base for component classification stores the results of classifier training of the component data at various viewpoints. The component extraction module CEM receives image data of faces of individuals at various viewpoints and extracts outputs of classification of the component data at various viewpoints, stored in the knowledge base for component classification KBCC. The object identification training module OITM receives the outputs of classification of the component data at various viewpoints and determines indicator component for each of the individuals person by Bayesian estimation in such a way so that posterior probability of a predetermined attention class is maximized under the outputs of classification of the component data at various viewpoints. The knowledge base for face identification KBFI stores indicator components for the individuals. The object identification module OIM receives the outputs of classification of the component data at various viewpoints and determines indicator component for each of the individuals person by Bayesian estimation in such a way so that posterior probability of a predetermined attention class is maximized under the outputs of classification of the component data at various viewpoints.

viewpoints and identifies faces of the individuals using the indicator components for the individuals stored in the knowledge base for face identification KBFI--